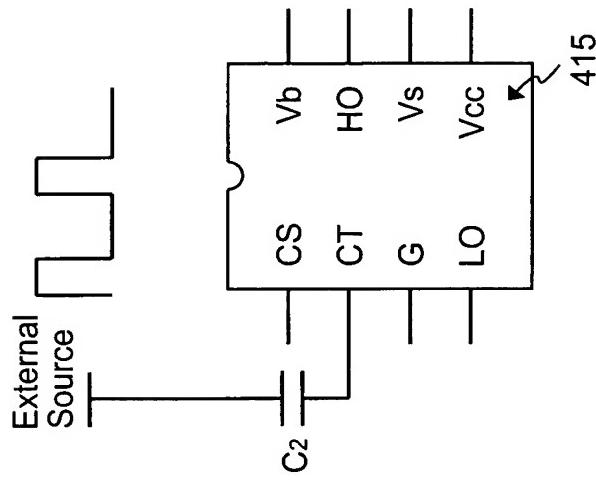




Docket #: IR-2412 (2-3727)  
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CIRCUIT  
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Contact: Louis C. Dujmich (212) 382-0700  
Drawings: 10 sheets (Figs. 1-11)

Synchronized Mode



Self-oscillating Mode

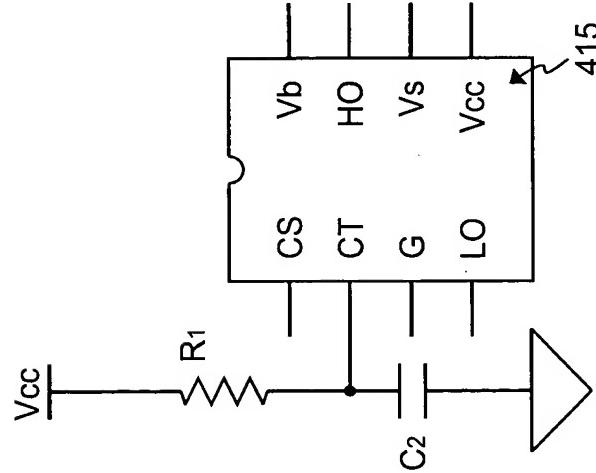
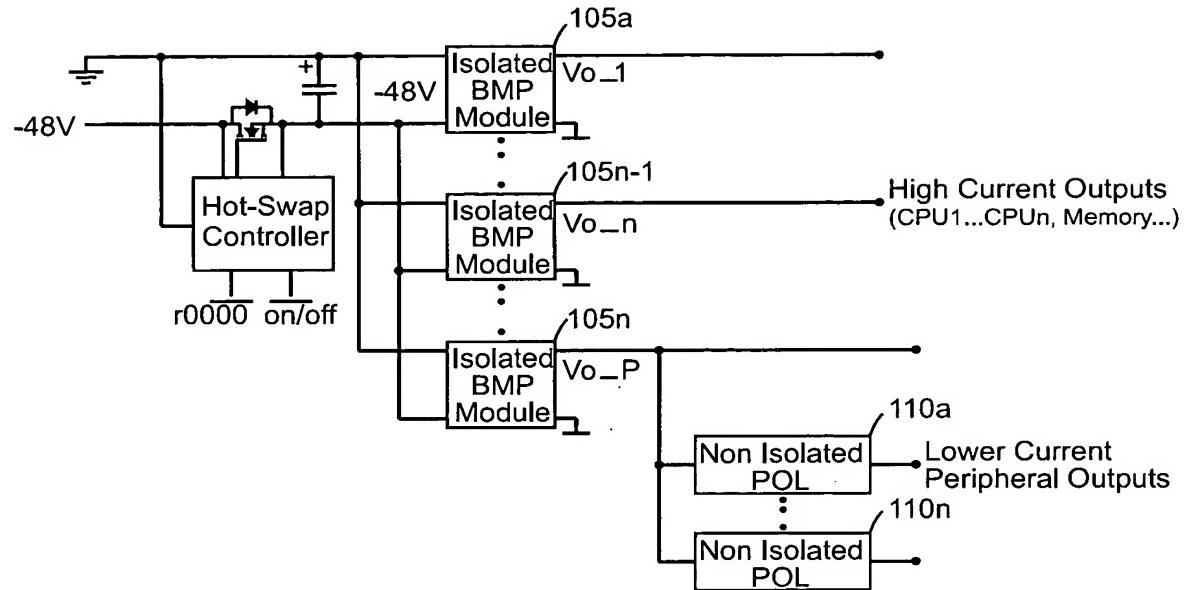
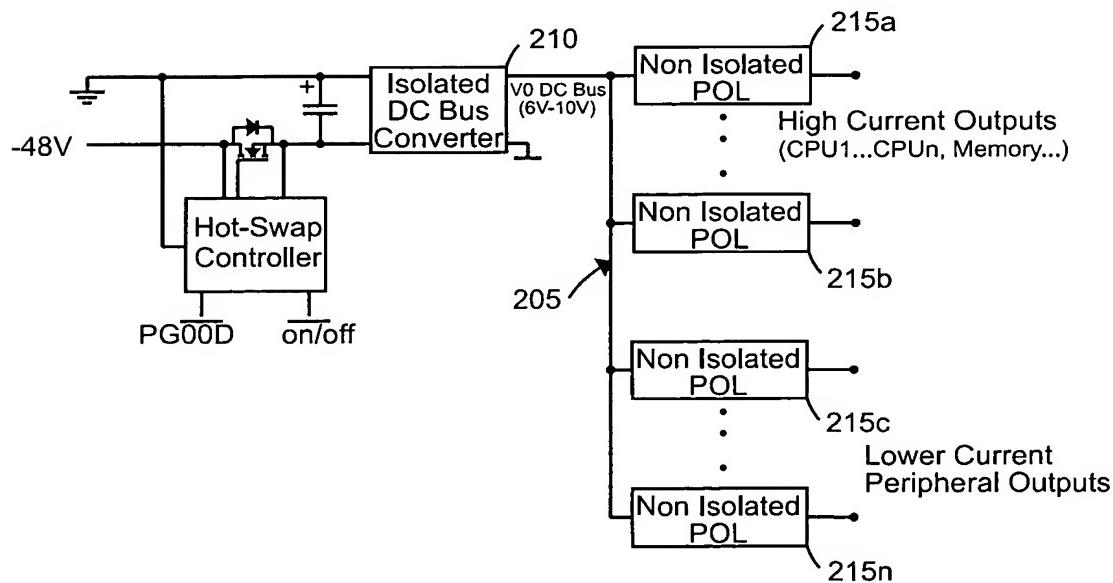


Figure 11



**Figure 1**  
 Traditional on-board power distribution



**Figure 2**

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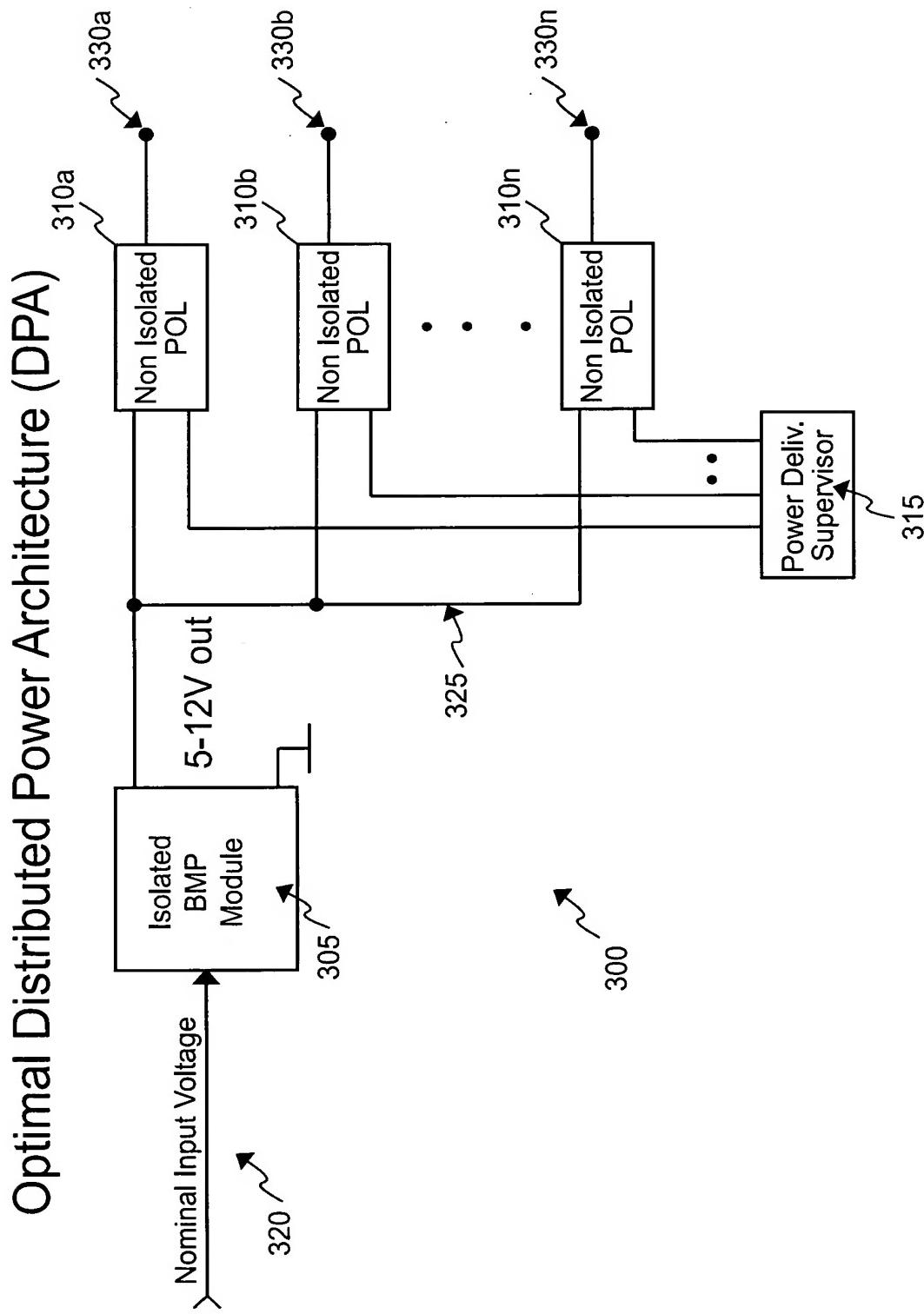


Figure 3

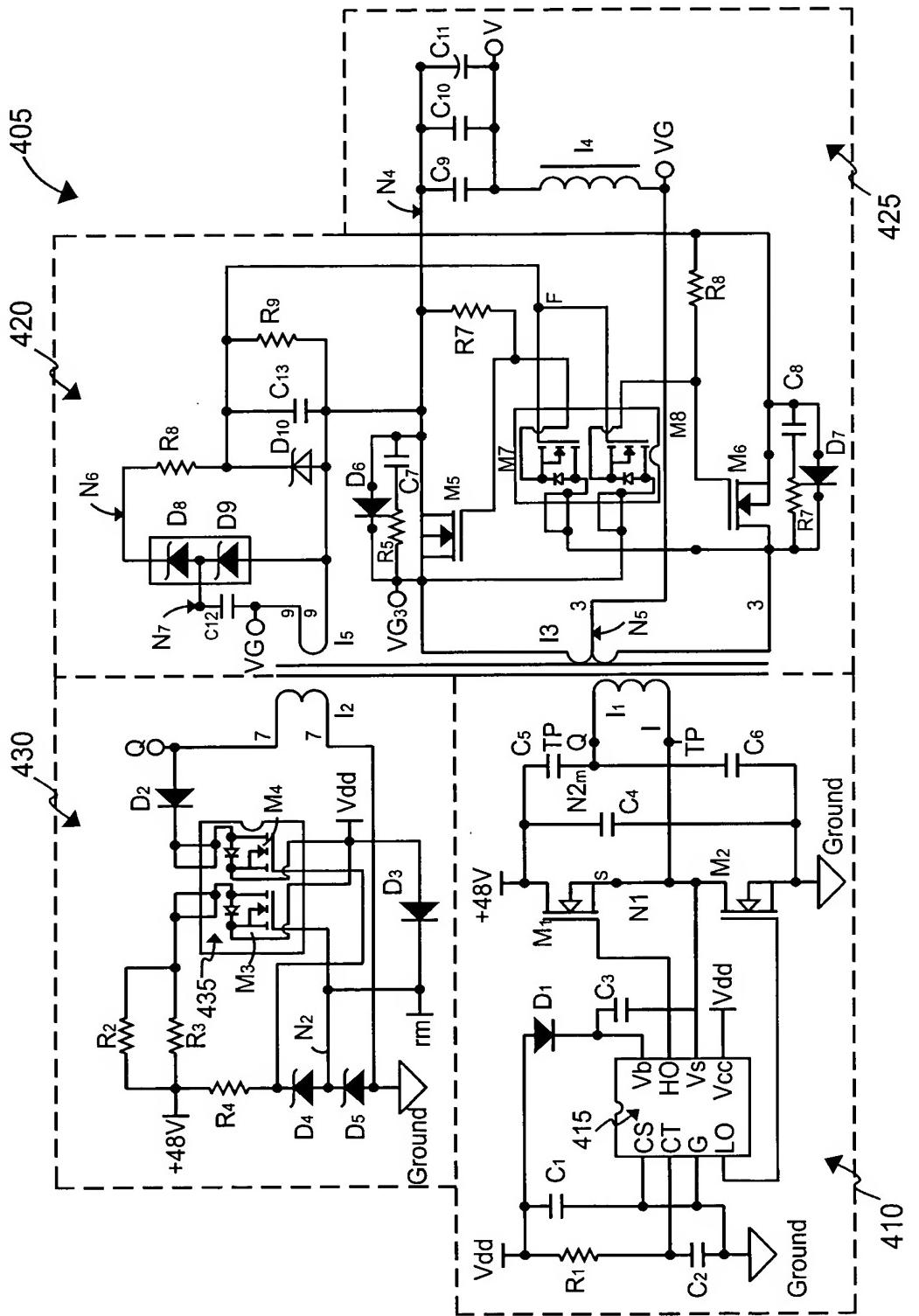


Figure 4

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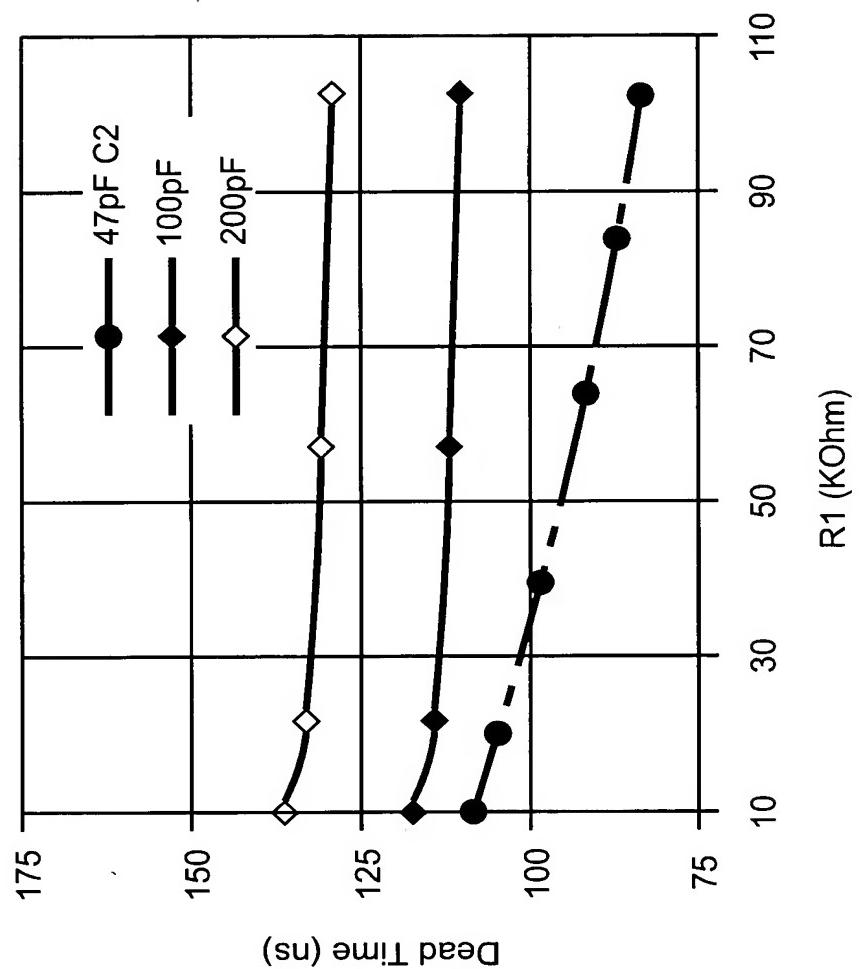


Figure 5

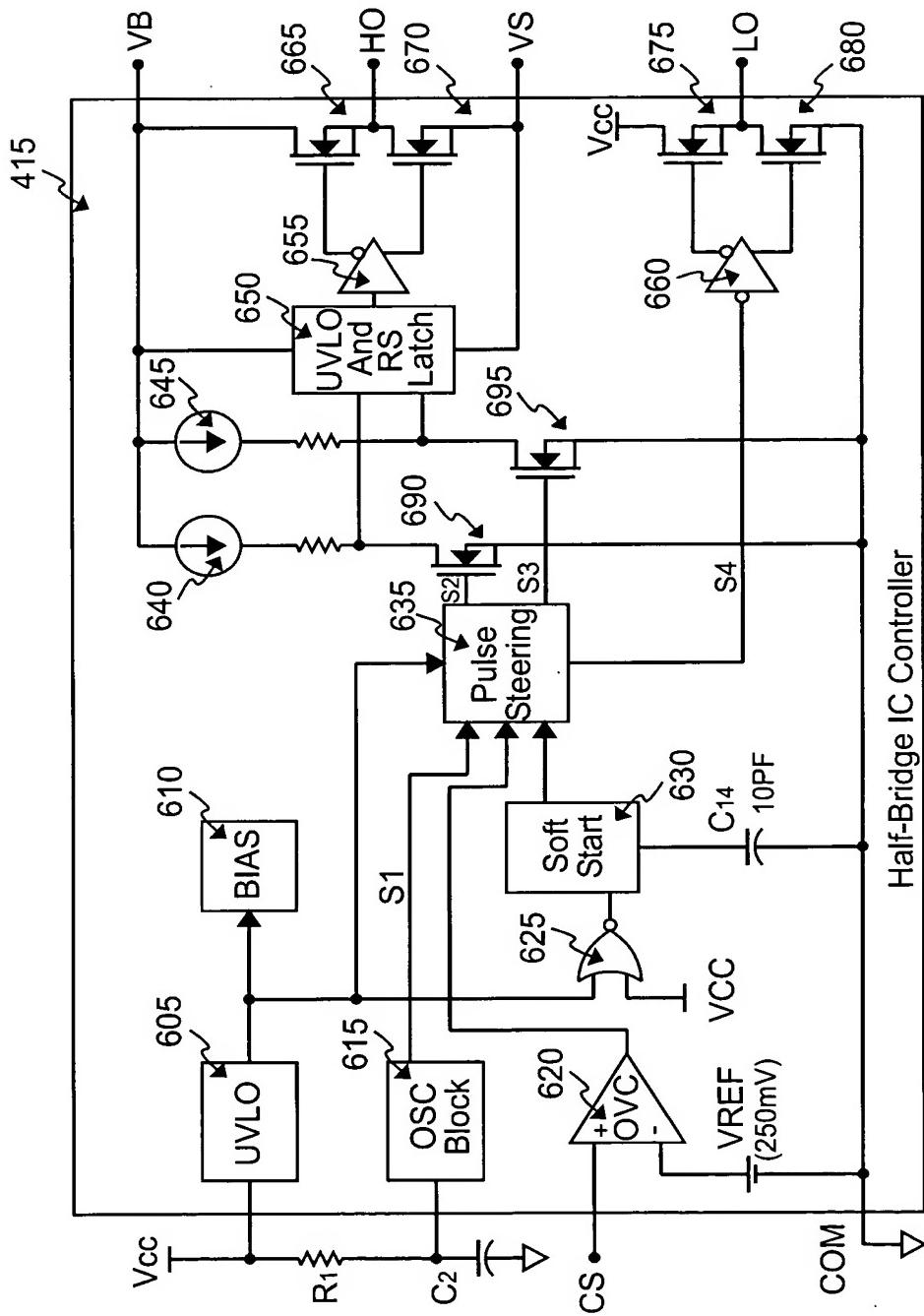


Figure 6

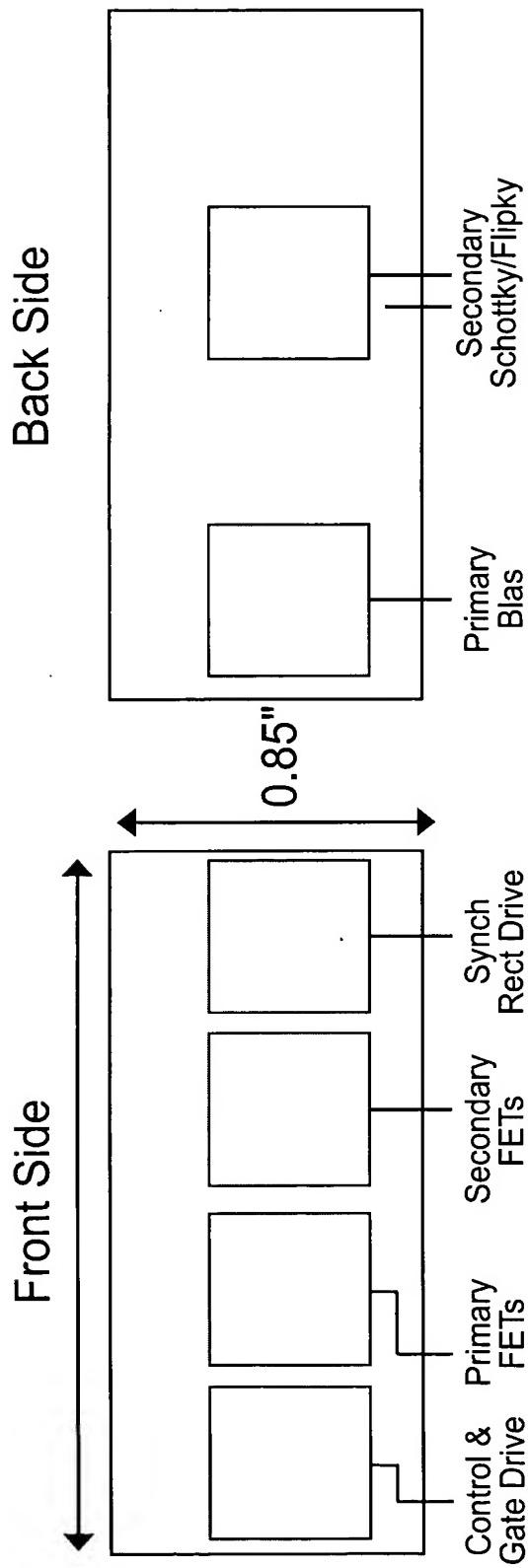


Figure 7

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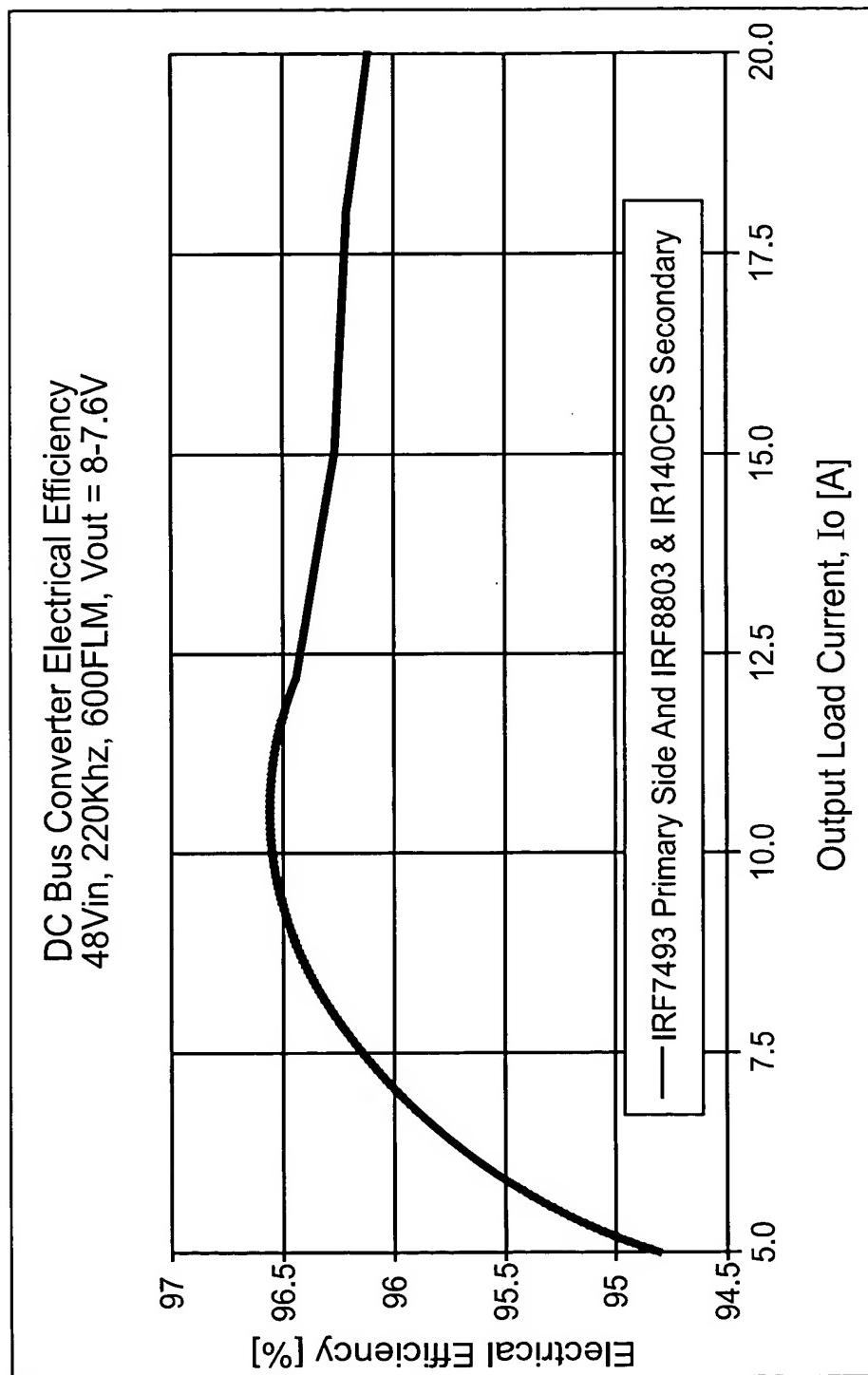


Figure 8

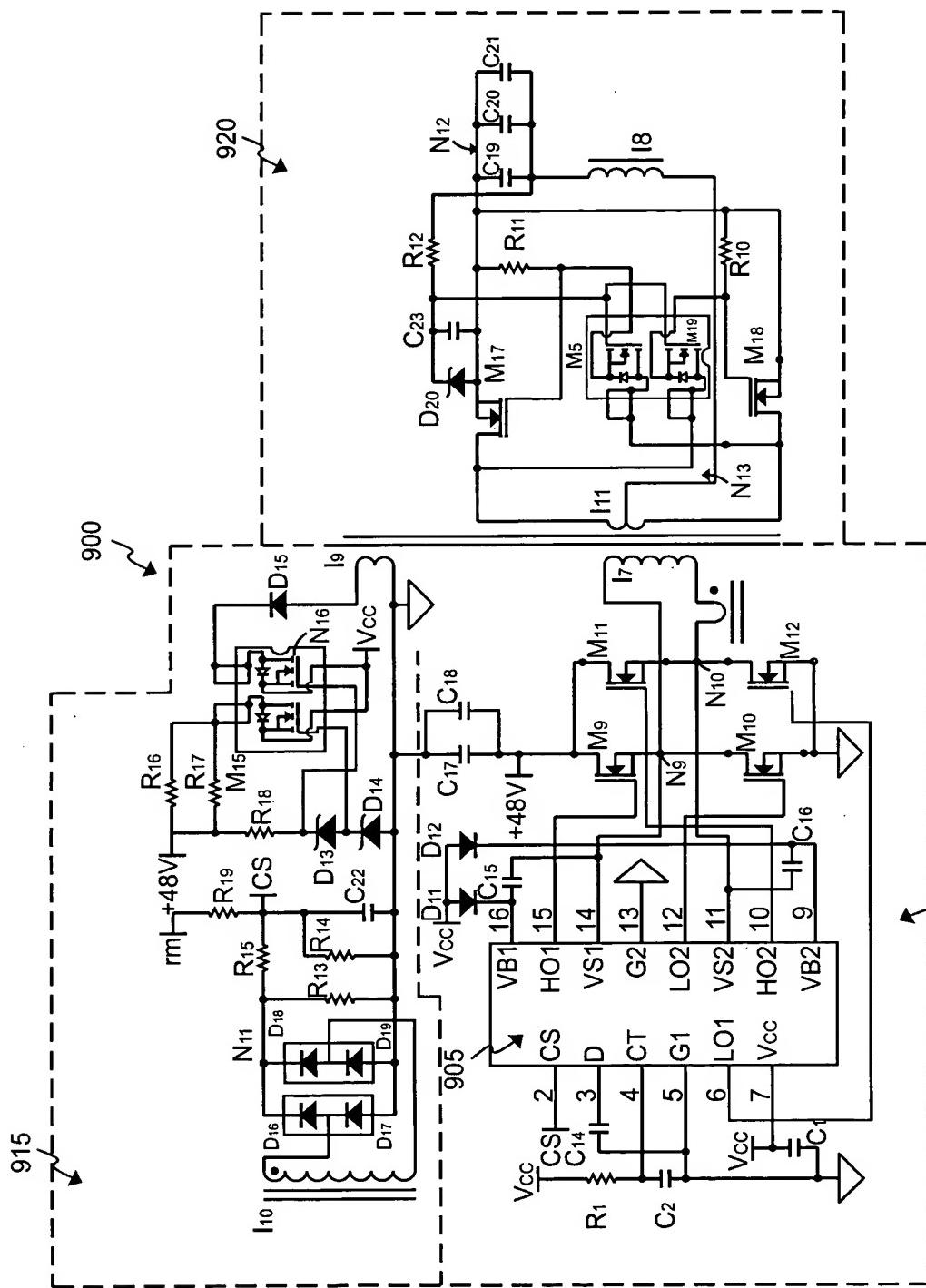
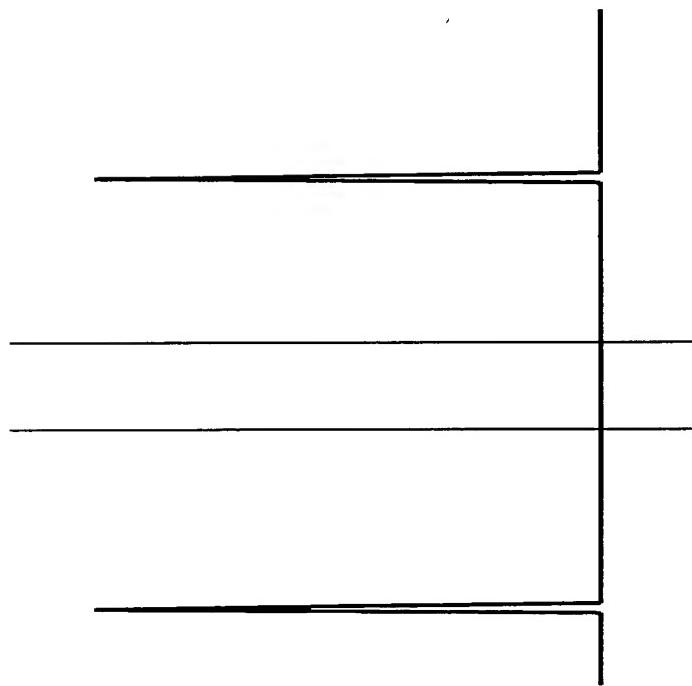


Figure 9

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Output Voltage Waveform During Hiccup  
Mode At Current Limit Setting of 21A, Current Load Setting  
22A, Current Load Setting 22A And Input Voltage 48V

**Figure 10**